

Oil and Gas Pipes Market to Hit \$81 Billion by 2035: \$18 Billion Growth from \$63 Billion Base at 2.5% CAGR

Oil and Gas Pipes Market Size and Share Forecast Outlook 2025 to 2035

MD, UNITED STATES, October 29, 2025 /EINPresswire.com/ -- The global [oil and gas pipes market](#) is projected to reach USD 81.0 billion by 2035, recording an absolute increase of USD 18.0 billion over the forecast period. The market is valued at USD 63.0 billion in 2025 and is set to rise at a CAGR of 2.5% during the assessment period. This 1.3× expansion reflects robust demand for energy infrastructure, pipeline networks, advanced welding, and upstream-midstream investments worldwide. Growth faces headwinds from regulatory complexity and deep-water technical barriers.

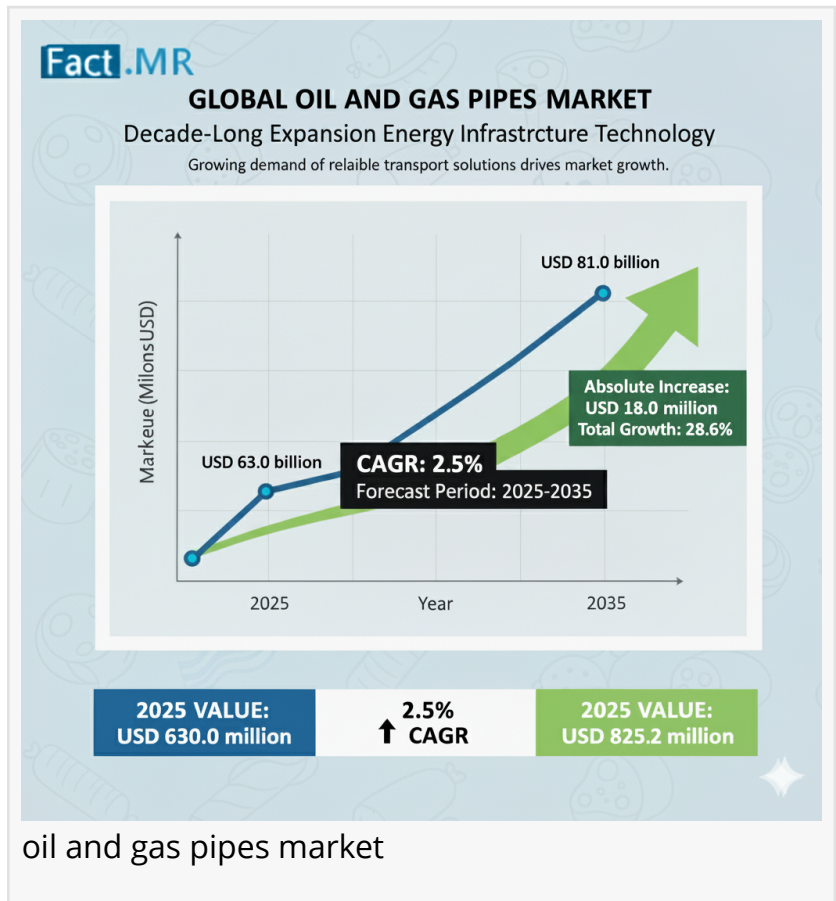
Decade Forecast:

2025–2030: +USD 8.3B (46.1% of total growth) □ USD 71.3B Focus: modernization, seamless innovation, corrosion coatings, upstream-midstream integration.

2030–2035: +USD 9.7B (53.9%) □ USD 81.0B Focus: high-pressure systems, next-gen corrosion resistance, safety automation, energy-security tech

Why the Market Grows?

Specialized pipes deliver 40–60% operational efficiency gains over conventional options, enabling energy firms to optimize drilling and transport without heavy capex. Key drivers:



Infrastructure & Exploration: 25–35% annual efficiency uplift in major projects.
Government Push: Energy-security programs and pipeline frameworks targeting 2030.
Tech Advances: Seamless/welded manufacturing cuts costs and complexity.
Barriers: Regulatory costs, installation expertise gaps, environmental variability.

Segment Breakdown:

By Type (2025 Share)

Welded – 55%: Fusion welding + automation = strength, pressure resistance, cost-effective production, broad acceptance.

Seamless – 45%: High-pressure integrity for large-scale drilling.

By Material

Carbon Steel – 70%: Durability leader for complex pipelines.

Stainless Steel – 20%: Corrosion-resistant for extreme environments.

Composite – 10%: Lightweight, niche applications.

By Application

Upstream – 40% | Midstream – 35% | Downstream + Others

By Region

Asia Pacific, Europe, North America dominate; Latin America, MEA follow

India (3.0%): Policy-backed expansion in Mumbai, Delhi; Ministry of Petroleum drives modernization. China (2.8%): Beijing-Shanghai hubs; 90% compliance via partnerships. Brazil (2.6%): Offshore surge; +25% annual utilization. Germany (2.5%): Precision manufacturing; 95% performance gains. USA (2.4%): Texas-led integration; 60% timeline cuts. Saudi Arabia (2.3%): 50% efficiency uplift; 98% compliance. Russia (2.0%): Pipeline-focused ecosystems.

Europe Total: USD 15.2B (2025) → USD 19.6B (2035), 2.5% CAGR Germany 23.6%→23.4%, UK 16.7%→16.9%, France 13.1%→13.0%.

Japan: Seamless quality focus via Tenaris-Vallourec partnerships. South Korea: Global tech leaders + local training hybrids.

Trends:

Asia-Pacific Acceleration (India/China infrastructure boom)

Tech Integration: Enhanced pressure, corrosion, automation

Risk: Alternative energy disruption

Competitive Landscape:

~20–25 players; top 3 hold 30–40%. Leaders: Tenaris, Vallourec, TMK – full portfolios, high switching costs. Challengers: ArcelorMittal, JFE – regional tech strength. Specialists: Nippon, TPCO, Sandvik – seamless/welded niches. Edge: End-to-end tech + service lifecycle.

Stakeholder Playbook:

Governments

Fund manufacturing hubs

Tax incentives & R&D

Streamlined approvals

Technician training

Preferential procurement

Industry Bodies

Universal standards & certifications

Education on efficiency gains

Interoperability protocols

Specialist certifications

Providers/Tech Players

Next-gen seamless/welded platforms

Predictive analytics software

Flexible support & training

Collaborative R&D

Suppliers

Diversify: welded (55%), upstream (40%) focus

Expand: India/China entry, Brazil/Germany partnerships

Real-time monitoring services

Tiered solutions (standard □ premium)

Investors

Scale Tenaris/TMK capacity

Back seamless startups
Fund high-growth localization
Drive consolidation

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Key Players:

Tenaris, Vallourec, TMK, ArcelorMittal, JFE, Nippon, TPCO, Sandvik, ChelPipe, EVRAZ, Interpipe, Welspun, Borusan, JSW, Sumitomo.

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The global [Oil Refining Pumps Market](#) is expected to reach USD 10,055 million by 2035, up from USD 6,703 million in 2024. During the forecast period (2025 to 2035), the industry is projected to expand at a CAGR of 3.8%.

The [oil-free air compressor market](#) is forecast to grow from USD 4.6 billion in 2025 to USD 7.5 billion by 2035, at a CAGR of 5.0%.

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Contact:

11140 Rockville Pike

Suite 400

Rockville, MD 20852

United States

Tel: +1 (628) 251-1583

Sales Team: sales@factmr.com

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S. N. Jha
Fact.MR
+1 628-251-1583
[email us here](#)

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